

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

03-465-D  
(400/151)

Serial No.

10/826,966

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

**Applicant:**

McSwiggen et al.

**Filing Date:**

April 16, 2004

**Group:**

1635

**U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
	*	US-2002/0086356	03/30/01	Tuschl et al.			07/04/02
	*	US-2002/0151693	02/08/01	Breaker et al.			10/17/02
	*	US-2003/0064945	07/25/01	Akhtar et al.			04/03/03
	*	US-2003/0143732	08/30/02	Fosnaugh et al.			07/31/03
	*	US-2003/0190635	07/25/02	McSwiggen et al.			10/09/03
	*	US-2003/0206887	09/16/02	Morrissey et al.			11/06/03
	*	US-2004/0019001	07/26/02	McSwiggen et al.			01/29/04
	*	US-2005/0020521	09/25/03	Rana, Tariq M.			01/27/05
	*	US-2005/0182005	05/13/04	Tuschl et al.			02/18/05
	*	US-2005/0227256	11/26/04	Hutvagner et al.			10/13/05

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	*	5,587,471	12/24/96	Cook et al.			
	*	5,998,148	12/07/99	Bennett et al.			

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	*	5,998,206	12/07/99	Cowsert			
	*	6,214,805	04/10/01	Torrence et al.			
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	*	6,573,099	06/03/03	Graham et al.			
	*	6,824,972	11/30/04	Kenwick et al.			
	*	7,078,196	07/18/06	Tuschl et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclas s	Translation	
							Yes	No
	1.	08208687	08/13/96	JP (Hotoda et al.)				
	2.	03/044188	05/30/03	WO (Tei et al.)				
	3.	04/048566	11/21/03	WO (Saigo et al.)				
	4.	05/049821	11/18/04	WO (Naito et al.)				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	5.	Alexeev et al., "Localized in vivo genotypic and phenotypic correction of the albino mutation in skin by RNA-DNA oligonucleotide," <i>Nature Biotechnology</i> , 18:43-47 (2000)
	6.	Bayard et al., "Increased stability and antiviral activity of 2'-O-phosphoglycerol derivatives of (2'-5')oligo(adenylate)," <i>Eur. J. Biochem.</i> , 142(29):291-298 (1984)

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12.	Caplen, Natasha J., "RNAi as a gene therapy approach," <i>Expert Opin. Biol. Ther.</i> , 3(4):575-586 (2003)
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19.	Jen et al., "Suppression of gene Expression by Targeted Disruption of Messenger RNA: Available Options and Current Strategies," <i>Stem Cells</i> , 18:307-319 (2000)

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23.	Monia et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression," <i>J. Biol. Chem.</i> 268:14514-14522 (1993)
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26.	Sethupathy et al., "TarBase: A comprehensive database of experimentally supported animal microRNA targets," <i>RNA</i> , 12:192-197 (2006)
27.	Thomson et al., "Activity of hammerhead ribozymes containing non-nucleotidic linkers," <i>Nucleic Acids Research</i> 21:5600-5603 (1993) (MAY BE REFERRED TO AS THOMPSON)
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29.	Zhang et al., "Single Processing Center Models for Human Dicer and Bacterial RNase III," <i>Cell</i> , 118:57-68 (2004)

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